



# Introduction

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# Regulatory Acceptance for New Solutions

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# Purpose of ITRC


ITRC is a state-led, national coalition of regulators and others working to

- improve state permitting processes and
- speed implementation of new environmental technologies.




# Other Participants


- Industry representatives
- Academia
- Public stakeholders
- Federal agencies



U.S. Department of Energy




U.S. Environmental Protection Agency




U.S. Department of Defense


- Host organization
- State organizations



Environmental Council of the States



Western Governors' Association



Southern States Energy Board

# Products & Services

- Regulatory and Technical Guidelines
- Technology Overviews
- Case Studies
- Peer Exchange
- Technology Advocates
- Classroom Training Courses
- Internet-Based Training Sessions



# Active Technical Teams

- Alternative Landfill Technologies
- Brownfields
- Contaminated Sediments
- DNAPL
- Diffusion Samplers
- In Situ Bioremediation
- In Situ Chemical Oxidation
- Mitigation Wetlands
- MTBE-Contaminated Groundwater

- Permeable Reactive Barriers
- Radionuclides
- Remedial Process Optimization
- **Risk Assessment Resources (NEW)**
- Sampling, Characterization, and Monitoring
- Small Arms Firing Range
- Unexploded Ordnance

Nationwide Success



March 2002  
● Active ITRC States (40 plus DC)  
★ Students Trained  
◆ Product Use at a Site  
○ Institutional Success  
✕ ITRC Network Success  
▲ Natural Attenuation Training Course  
▽ Accelerated In Situ Bioremediation Training Course  
□ Permeable Reactive Barrier Training Course  
◇ Photocatalysis Training Course  
● Unpublished Onshore Training Course


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Contacts


Web Site: <http://www.itrcweb.org>

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ITMD Main Page - Microsoft Internet Explorer

<http://www.state.nj.us/dep/dsr/envtech/index.html>



Main Page  
Documents  
TARP Program  
NJCAT  
EETV Act



THE OFFICE OF INNOVATIVE TECHNOLOGY AND MARKET DEVELOPMENT (ITMD) is committed to the mission of NJDEP by encouraging the commercialization and use of verified innovative environmental technologies to prevent pollution to the waters, land, and air of New Jersey through:

- Internal Efforts
- Interstate Support
- International Agreements

The goal of NJDEP is to encourage the implementation of better and cheaper technologies to solve environmental problems while building a stronger economy for New Jersey. Use the menu to the left to learn about the development and implementation of innovative environmental technologies to satisfy the regulatory intent of New Jersey.


For questions regarding this program, please contact [EETV Act](#).

For questions regarding this web page, please contact [Tom Tuckey](#).

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ITMD Main Page - Microsoft Internet Explorer

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Protocols & Manuals

The goal of a verified Innovative Environmental Technology (IET) is to provide a net environmental and financial benefit to the State of New Jersey. A technology or process that receives a certification from NJDEP to it verification as an IET qualifies for acceptance (through a reciprocity agreement) by the Technology Acceptance Reciprocity Partnership (TARP) States. To remove the regulatory barriers for reciprocity acceptance, the TARP States have developed specific Tier II protocols, which provide general guidelines for developing technologies or processes that will provide a net environmental benefit to a particular aspect of the environment.

A list of documents that explain the verification/certification process and the requirements for TARP reciprocity acceptance are as follows:


- Technology Verification Program General Verification Protocol (NJCAT)
- Performance Partnership Agreement (NJDEP & NJCAT)
- Strategy, Reciprocal State Acceptance of Environmental Technologies (TARP)
- Tier I General Technology Guidance for Environmental Technology Acceptance and Reciprocity Partnership (TARP)
- Tier II Guidance Document for Non-Hazardous Waste Beneficial Use Determination (TARP)
- Stormwater Best Management Practice Demonstration Tier II Protocol for Interstate Reciprocity (TARP)

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NJDEP SRP - Training and Education. ITRC - Microsoft Internet Explorer

[http://www.state.nj.us/dep/training/itrc\\_trn.htm](http://www.state.nj.us/dep/training/itrc_trn.htm)



SRP Training & Education

### ITRC Training for SRP

Upcoming Sessions | Past Sessions | Registration & Contact Info | Other ITRC Training

ITRC is the Interstate Technology and Regulatory Council. More information about them can be found at <http://www.itrcweb.org>

Unless otherwise noted, all sessions are held in the NJDEP Public Hearing Room at 401 East State Street. [Directions](#)

#### Selected Past Sessions

- Passive Diffusion Bag Samplers January 2003
- In Situ Chemical Oxidation: Design and Application October 2002
- Remediable Reactive Barriers September 2002
- Enhanced In Situ Bioremediation Technologies July 2002
- The TARD Approach for Rapid Site Remediation May 2002
- In Situ Thermal Treatment for VAPCL Contaminated Sites April 2002


#### Registration & Contact

Please use our [contact page](#) for registration, questions, and feedback.

If you rather email us about the training, email [Patricia Payakovich at Patricia.Payakovich@dep.state.nj.us](mailto:Patricia.Payakovich@dep.state.nj.us)

Should you need to telephone us about this training, call Brian Segoka at 609/ 633-1344.

#### Other ITRC Training:

 Dates for other ITRC training at the DEP:

- To be announced

For all other ITRC training, go to the [ITRC Web site](#).

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Technical Program

Remedial Process Optimization (RPO) Basics  
Richard Cronce

Regulatory Aspects of RPO  
Tom O'Neill

ITRC Remedial Process Optimization Team Activities  
Tom O'Neill

Case Studies and Lessons Learned  
Richard Cronce

The SmartSite® RPO Process  
Richard Cronce

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